

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

HINDUS, et al.

Application No.: 09/847,201

Filed: May 2, 2001

For: VARIABLE BANDWIDTH
COMMUNICATION SYSTEMS AND METHODS

Attorney Docket No.: INT1P920C1

Examiner: Unknown

Group Art Unit: 2613

Date: May 13, 2002

**RECEIVED
CENTRAL FAX CENTER**

MAY 05 2005

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with
the United States Postal Service as First Class Mail to: Commissioner for
Patents, PO Box 1450, Alexandria, VA 22313-1450 on May 5
2005.

Signed: _____

Jennifer C. Gross

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is the Power of Attorney by Assignee and Revocation of Previous
Powers for the above-entitled matter.



Applicant(s) believe that no fee is required; however, if it is determined that such
fee is required, Applicant(s) hereby authorize the Commissioner to charge the
required fees Deposit Account No. 50-0685 (INT1P920C1).

Respectfully submitted,

Lee Van Pelt

Registration No. 38,352

10050 N. Foothill Blvd.
Suite 200
Cupertino, CA 95014
Telephone: (408) 973-2585

Atty. Docket No. INT1P920C1

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CENTRAL FAX CENTER****MAY 05 2005****PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Examiner: Unknown

Attorney Docket No. INT1P920C1

**POWER OF ATTORNEY BY ASSIGNEE
AND REVOCATION OF PREVIOUS POWERS**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Interval Research Corporation ("assignee"), a Washington corporation having a place of business at 3250 Ash Street, Palo Alto, CA 94306 certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent application and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Assignee has reviewed the assignment document that evidences the placement of title in the assignee, a true and correct copy of which is attached hereto, and understands and believes that this assignment document has been submitted for recordation in the U.S. Patent and Trademark Office.

Pursuant to 37 C.F.R. §§1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and appoints Lee Van Pelt, Reg. No. 38,352; Susan C. Yi, Reg. No. 39,883; and William J. James, Reg. No. 40,661 all of the law firm of Van Pelt & Yi LLP

with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Please send all correspondence for this application as follows:

Customer No. 21912
VAN PELT & YI LLP
4906 El Camino Real
Suite 205
Los Altos, CA 94022

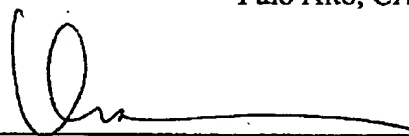
Please direct any calls to Lee Van Pelt at (650) 903-3503.

Assignee of Interest:

Company Name: Interval Research Corporation
3250 Ash Street
Palo Alto, CA 94306

Date

1/22/02



Name: Michael Lee
Title: Vice President

**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MAY 06, 1999

PTAS

HICKMAN STEPHENS & COLEMAN, LLP
JERRY WEI
P.O. BOX 52037
PALO ALTO, CA 52037

100962083A

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/01/1999

REEL/FRAME: 9746/0474
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HINDUS, DEBBY

DOC DATE: 12/17/1998

ASSIGNOR:

MAINWARING, SCOTT D.

DOC DATE: 12/17/1998

ASSIGNOR:

PEDERSEN, ELIN

DOC DATE: 01/06/1999

ASSIGNOR:

WHITE, SEAN MICHAEL

DOC DATE: 12/16/1998

ASSIGNOR:

GAVER, WILLIAM

DOC DATE: 01/25/1999

ASSIGNEE:

INTERVAL RESEARCH CORPORATION
1801 PAGE MILL ROAD
PALO ALTO, CALIFORNIA 94304

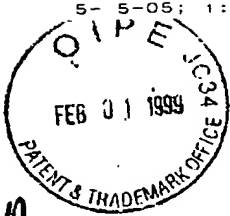
REC'D MAY 17 1999

9746/0474 PAGE 2

SERIAL NUMBER: 09169713
PATENT NUMBER:

FILING DATE: 10/09/1998
ISSUE DATE:

MAURICE CARTER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



02-10-1999



ASSIC

100962083

JR SHEET

-PATENTS ONLY-

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)

- a) Debby Hindus
- b) Scott D. Mainwaring
- c) Elin Pedersen
- d) Sean Michael White
- e) William Gaver

2. Name and address of receiving party(ies):

- a) Name: Interval Research Corporation
- Address: 1801 Page Mill Road
- Palo Alto, CA 94304

3. Nature of conveyance

- | | | | |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other _____ | <input type="checkbox"/> | License Agreement |

Execution Date: December 17, 1998; December 16, 1998; January 6, 1999 and January 25, 1999

4. Application Number(s) or Patent Number(s): 09/169,713

The title of the (new) application is:

VARIABLE BANDWIDTH COMMUNICATION SYSTEMS AND METHODS

5. Please send all correspondence concerning this (these) documents to:

Jerry Wei
HICKMAN STEPHENS & COLEMAN, LLP
 P.O. Box 52037
 Palo Alto, CA 94303-0746
 Tel. No.: (650) 470-7430
 Fax No.: (650) 470-7440

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
- ☐ Authorized to be charged to Deposit Account No. 50-0384
 (Order No. _____)

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: January 29, 1999

[Signature]
 Jerry Wei
 Registration No. 43,247

40.000000
 09169713
 00000036
 SSALLEW

ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

Whereas we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

VARIABLE BANDWIDTH COMMUNICATION SYSTEMS AND METHODS

for which we have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on October 9, 1998, and which bears the Application No. 09/169,713.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Interval Research Corporation, a Washington corporation having a place of business at 1801 Page Mill Road, Palo Alto, California 94304, (hereinafter referred to as ("ASSIGNEE")), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature: Debby Hindu Date: 12/17/98
Typed Name: Debby Hindu
- 2) Signature: Scott D. Mainwaring Date: 12/17/98
Typed Name: Scott D. Mainwaring
- 3) Signature: _____ Date: _____
Typed Name: Elin Pedersen
- 4) Signature: Sean Michael White Date: Dec 16, 1998
Typed Name: Sean Michael White

5)

Signature: _____

Date: _____

Typed Name: William Gaver

ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

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Signed on the date(s) indicated beside my (our) signature(s).

- 1) Signature: _____ Date: _____
Typed Name: Debby Hindus
- 2) Signature: _____ Date: _____
Typed Name: Scott D. Mainwaring
- 3) Signature:  Date: Jan 6, 99
Typed Name: Elin Pedersen
- 4) Signature: _____ Date: _____
Typed Name: Sean Michael White

5)

Signature: _____

Typed Name: William Gaver

Date: _____

ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

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- | | | |
|----|---|-------------|
| 1) | Signature: _____
Typed Name: Debby Hindus | Date: _____ |
| 2) | Signature: _____
Typed Name: Scott D. Mainwaring | Date: _____ |
| 3) | Signature: _____
Typed Name: Elin Pedersen | Date: _____ |
| 4) | Signature: _____
Typed Name: Sean Michael White | Date: _____ |

5)

Signature:

William W. Gavner

Typed Name:

William Gavner

Date:

25-1-99